



# भारत का राजपत्र

## The Gazette of India

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PUBLISHED BY AUTHORITY

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No. 38] NEW DELHI, SATURDAY, SEPTEMBER 17, 1994 (BHADRA 26, 1916)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके  
[Separate paging is given to this Part in order that it may be filed as a separate compilation]

### भाग III—खण्ड 2 [PART III—SECTION 2]

पेटेन्ट कार्यालय द्वारा जारी की गई पेटेन्टों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस  
[Notifications and Notices Issued by the Patent Office relating to Patents and Designs]

THE PATENT OFFICE  
PATENTS AND DESIGNS

Calcutta, the 17th September 1994

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PATENT OFFICE

The Patent Office has its Head Office at Calcutta and Branch Offices at Bombay, Delhi and Madras having territorial jurisdiction on a zonal basis as shown below :—

Patent Office Branch, Todj Estates,  
III Floor, Lower Parel (West),  
Bombay-400 013.

The States of Gujarat,  
Maharashtra, and Madhya Pradesh,  
and the Union Territories of Goa,  
Daman and Diu and Dadra and Nagar Haveli.

Telegraphic address "PATOFFICE".

Patent Office Branch,  
Unit No. 401 to 405, III Floor,  
Municipal Market Building,  
Saraswati Marg, Karol Bagh,  
New Delhi-110 005.

The States of Haryana,  
Himachal Pradesh, Jammu and  
Kashmir, Punjab, Rajasthan and  
Uttar Pradesh and the Union Territories of  
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Telegraphic address "PATENTOFIC".

Patent Office Branch,  
61, Wallajah Road,  
Madras-600 002.

The States of Andhra Pradesh,  
Karnataka, Kerala, Tamilnadu,  
and the Union Territories of  
Pondicherry, Laccadive,  
Minicoy and Aminidivi Islands.

Telegraphic address "PATENTOFIS".

Patent Office, (Head Office),  
"NIZAM PALACE", 2nd M.S.O.  
Building, 5th, 6th and 7th  
Floor, 234/4, Acharya Jagadish  
Bose Road, Calcutta-700 020.

Rest of India.

Telegraphic address "PATENTS".

All applications, notices, statements or other documents or  
any fees required by the Patents Act, 1970 or the Patents  
Rules, 1972 will be received only at the appropriate Offices  
of the Patent Office.

**Fees :** The fees may either be paid in cash or may be sent  
by Money Order payable to the Controller at the appropriate  
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office is situated

पेटेंट कार्यालय  
एकात्म तथा अभिकल्प

कलकत्ता, दिनांक 17 सितम्बर 1994

पेटेंट कार्यालय के कार्यालयों के पते एवं क्षेत्राधिकार

पेटेंट कार्यालय का प्रधान कार्यालय कलकत्ता में अवस्थित है तथा बम्बई, दिल्ली एवं मद्रास में दूसरे कार्यालय का प्रावर्गिक क्षेत्राधिकार जोन के आधार पर निम्न रूप में प्रदर्शित है :—

पेटेंट कार्यालय शास्त्रा, टोडी इस्टेट,  
तीसरा तल, लोकर पर्सेक (पश्चिम),  
बम्बई-400013।

गुजरात, महाराष्ट्र तथा मध्य प्रदेश राज्य  
क्षेत्र एवं संघ शासित क्षेत्र योजा, दमन तथा  
दाव एवं दादरा और नगर हवेली।

तार पता—“पेटेंटिस”

पेटेंट कार्यालय शास्त्रा,  
एकल सं. 401 से 405; तीसरा तल,  
नगरालिका बाजार भवन,  
सरस्वती भार्ग, करोल बाग,  
बम्बई-110005।

हीराण्या, हिमाचल प्रदेश, जम्मू तथा कश्मीर,  
पंजाब, राजस्थान तथा उत्तर प्रदेश राज्य क्षेत्रों  
एवं संघ शासित क्षेत्र चंडीगढ़ तथा दिल्ली।

तार पता—“पेटेंटोफिक”

पेटेंट कार्यालय शास्त्रा,  
61, बालाजाह चैड,  
मद्रास-600002।

आन्ध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु राज्य  
क्षेत्र एवं संघ शासित क्षेत्र पाण्डुचेरी, लक्षद्वीप,  
मिनिकाल तथा एसिग्निफिक द्वीप।

तार पता—“पेटेंटिफिस”

पेटेंट कार्यालय (प्रधान कार्यालय),  
निजात प्लेस, द्विवतीय बहुतलीय कार्यालय,  
भवन 5, 6 तथा 7वां तल,  
234/4, आचार्य जगदीश बोस रोड,  
कलकत्ता-700020।

भारत का अवशेष क्षेत्र।

तार पता—“पेटेंट्स”

पेटेंट अधिनियम, 1970 या पेटेंट नियम, 1972 में अपेक्षित सभी आवेदन-पत्र, सचिनाए, विवरण या अन्य प्रत्येक पेटेंट कार्यालय के केवल उपयुक्त कार्यालय में ही प्राप्त किए जाएंगे।

शुल्क :—शुल्कों की अदायगी या तो नकद की जाएगी अथवा उपयुक्त कार्यालय में नियशक कर्ता भुगतान योगा धनादेश इथवा डाक आवेदन या जहां उपयुक्त कार्यालय अवस्थित है; उस स्थान के अनुसूचित दर्क से नियंत्रक को भुगतान योग्य दर्क ड्रॉफ्ट इथवा चंडे द्वारा की जा सकती है।

11th July 1994

542/Cal/94. Pouyet International. Module for rapid interconnection of two monopair telephone lines.

543/Cal/94. Texaco Development Corporation. Reclamation of used lubricating oil.

544/Cal/94. Matsushita Electric Industrial Co. Ltd., Mobile radio system.

545/Cal/94. Matsushita Electric Industrial Co. Ltd., Radio communication system.

546/Cal/94. Hoechst Aktiengesellschaft. Process and use of reactive disperse dyes for dyeing and printing aminated textile cotton and cotton-polyester blend fabrics.

547/Cal/94. Combustion Engineering, Inc. Gravimetric feeding system for boiler fuel and sorbent.

548/Cal/94. Synton AG. Measuring instrument and assembling method.

12th July 1994

549/Cal/94. Philips Electronics N. V. Digital communications system, a transmitting apparatus and receiving apparatus for use in the system. (Convention No. 9314516-7, dated 13th July, 1993; United Kingdom).

550/Cal/94. (1) Fabritex S.R.L. (2) Conti Florentia S.R.L. Method and apparatus for joining two edges of a knitted tubular article upon completion thereof.

APPLICATION FOR PATENTS FILED AT THE HEAD OFFICE 234/4, ACHARYA JAGADISH BOSE ROAD, CALCUTTA-20

The dates shown in the crescent brackets are the dates claimed under section 135, of the Patents Act, 1970.

8th July 1994

536/Cal/94. (1) Gerrit D. A. Gerriets, (2) Ludwig Bartling. Device for use in emergency situations.

537/Cal/94. Drossbach GmbH & Co. Kg., An apparatus for the production of corrugated tubing from thermoplastic synthetic resin.

538/Cal/94. Drossbach GmbH & Co. Kg., An apparatus for the manufacture of corrugated tubing from thermoplastic synthetic resin.

539/Cal/94. Flowind Corporation. Vertical axis wind turbine with pultruded blades.

540/Cal/94. Apr Applied Pharma Research SA. Oral pharmaceutical forms with controlled and differentiated rate delayed release.

541/Cal/94. Fakaruddin Ahmed. Mini soil cutter-cum-plough.

## ALTERATION OF DATE UNDER SECTION-16

174117 (324/Cal/1992) antedated to 28th September 1990.  
 174118 (435/Cal/1992) antedated to 03rd April 1989.  
 174120 (583/Cal/1992) antedated to 08th February 1989.

## Alteration of the entries in the Register of Patent Agents under Rule 103 of the Patents Rules, 1972

In pursuance of two applications filed by following Patent Agents on 14-06-1994 and 29-06-1994, the addresses of principal place of business in the Register of Patent Agents have been altered to:—

1. M. K. Rao,  
 Kamath & Kamath,  
 61, Fourth Main Road,  
 Gandhinagar, Adyar,  
 Madras-600020.
2. Rudraksh Ramprasad Shukla,  
 Block No. 0/3, Sagar Co. Op. So.,  
 Opp. Sarthi Hotel,  
 Opp. Amaltas Bunglows,  
 Bodakdev, Ahmedabad-380054.

## COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of patents on any of the Applications concerned, may, at any time within four months of the date of this issue or within such further period not exceeding one month applied for on Form-14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months given notice to the Controller of Patents at the appropriate office on the prescribed Form-15, of such opposition. The written statement of opposition should be filed alongwith the said notice or within one month of its date as prescribed in Rule-36 of the Patents Rules, 1972.

The classifications given below in respect of each specification are according to Indian Classification and International Classification.

Typed or photo copies of the specifications together with photo copies of the drawings, if any, can be supplied by the Patent Office, Calcutta or the appropriate Branch Office on payment of the prescribed copying charges which may be ascertained on application to that office. Photo copying charges may be calculated by adding the number of pages in the specification and drawing sheets mentioned below against each accepted specification and multiplying the same by two to get the charges as the copying charges per page are Rs. 2/-.

11 दशमी, 1972 के तहत विहित प्रपत्र 14 पर आवेदित एक महीने की अवधि से अधिक न हो, के भीतर कभी भी नियंत्रक, इकाई को उपर्युक्त कार्यालय को ऐसे विरोध की सूचना विहित प्रपत्र 15 पर दे सकते हैं। विरोध सम्बन्धी लिखित बक्तव्य, उक्त सूचना के साथ अथवा पेटेंट नियम, 1972 के नियम 36 में द्वारा विहित इसकी तिथि के एक महीने के भीतर ही फाइल किए जाने चाहिए।

“प्रत्येक विभिन्नेश के संदर्भ में नीचे दिए वर्गीकरण, भारतीय वर्गीकरण सहा अन्तर्राष्ट्रीय वर्गीकरण के अनुरूप हैं।”

स्वीकृत (चित्र आरेखों) की फोटो प्रतियां यदि कोई हों, के साथ विनिदेशों की टंकित अथवा फोटो प्रतियों की आपूर्ति पेटेंट कार्यालय, कलकत्ता अथवा उपर्युक्त शाखा कार्यालय द्वारा विहित लिपान्तरण प्रभार जिसे उक्त कार्यालय से पत्र-व्यवहार द्वारा सुनिश्चित करने के उपरान्त उसकी अवायगी पर की जा सकती है। विनिदेश की पृष्ठ संख्या के साथ प्रत्येक स्वीकृत विभिन्नेश के सामने नीचे वर्णित चित्र आरेख कागजों को जोड़कर उसे 2 से गुणा करके; (क्योंकि प्रत्येक पृष्ठ का लिपान्तरण प्रभार 2/- रु. है) फोटो लिपान्तरण प्रभार का परिकलन किया जा सकता है।

Ind. Cl. : 98G [GROUP—VII(2)]

174101

Int. Cl. : F 28 C 1/00.

## MODULAR COOLING TOWER ASSEMBLY.

Applicant : BALTIMORE AIRCOIL COMPANY, INC.  
 OF 7595 MONTEVIDEO Rd. JESSUP, MARYLAND-20794  
 U.S.A. A CORPORATION OF DELAWARE, USA.

Inventor : FRANCOIS R. REVERDY.

Application No. 9/MAS/90 filed on 3rd January 1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

## 16 Claims

A modular cooling tower assembly comprising at least one cooling tower module, said cooling tower module comprising a frame in the form of a three-dimensional chamber having upper and lower horizontal members and vertical corner post members, drift eliminator means affixed within said frame at a level spaced below said upper horizontal member of said frame so as to provide an empty zone above said drift eliminator means, spray header means, fixed within said frame below said drift eliminator means, and fill means affixed within said frame below said spray means.

(Com. 18 pages;

Drawgs. 5 sheets)

## स्वीकृत सम्पूर्ण विभिन्नेश

एल्टद्वारा यह सूचना दी जाती है कि सम्बद्ध आवेदनों में से एकसी पर एटेंट अनुदान का विरोध करने के इच्छुक कोई व्यक्ति, इसकी तिथि से चार (4) महीने या अधिक ऐसी अवधि तो उक्त 4 महीने की अवधि को समाप्त के पूर्व पेटेंट

Ind. Cl. : 172 D1

174102

Int. Cl. : D 01 H 9/18.

AN APPARATUS FOR TRANSPORTING A WOUND HOLLOW YARN PACKAGE HAVING A LOOSE YARN END BETWEEN YARN PROCESSING MACHINE.

Applicant : PALITEX PROJECT COMPANY GmbH, OF WEESEWERWEG 60, 4150 KREFELD 1, FEDERAL REPUBLIC OF GERMANY, A GERMAN COMPANY.

Inventor: HEINZ FINK.

Application No. 41/Mas/90 filed on 15th January 1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Madras.

4 Claims

An apparatus for transporting a wound hollow yarn package having a loose yarn end between yarn processing machine while maintaining the loose yarn end in defined and fixed position; said apparatus comprising hollow gripper means for being inserted into one end of the hollow yarn package for gripping the yarn and for removing the yarn package from the yarn processing machine; pneumatic means associated with said gripper means for positioning the loose yarn end from the gripped yarn package in said hollow gripper means; transporting means having a hollow pin for receiving the yarn package from said gripper means and for transporting the yarn package after removal of said gripper means and pneumatic means for removing the loose yarn end of the yarn package from said gripper means and positioning the yarn end in said hollow pin of said transporting means.

(Comp. Specn. 13 pages;

Drg. 5 sheets)

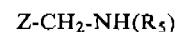
phenyl, benzyl radical, or di(C<sub>1</sub>-C<sub>5</sub> alkyl) amino (C<sub>1</sub>-C<sub>5</sub> alkyl) or R<sub>7</sub> and R<sub>8</sub> together form a polymethylene chain-(CH<sub>2</sub>)<sub>q</sub>-in which q can take the values 3, 4, 5 or 6,

R<sub>5</sub> represents hydrogen, a(C<sub>1</sub>-C<sub>5</sub>) alkyl radical or a benzyl radical,

R<sub>6</sub> represents a phenyl radical optionally substituted by one to three radical(s) selected from halogen, (C<sub>1</sub>-C<sub>5</sub>) alkoxy and (C<sub>1</sub>-C<sub>5</sub>) alkyl; and

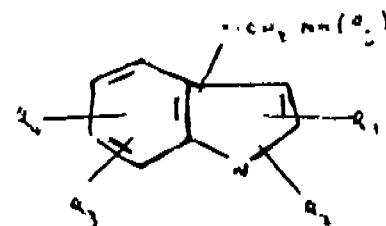
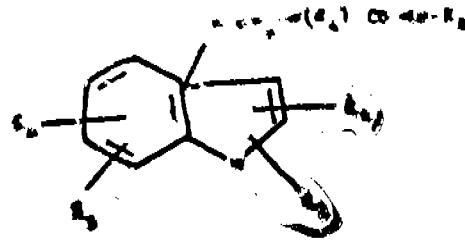
R<sub>3</sub> and R<sub>4</sub>, which may be located at position 4-, 5-, 6- or 7-independently represent hydrogen, (C<sub>1</sub>-C<sub>5</sub>) alkyl or alkoxy,

comprising reacting—a compound of general formula 4:



(4)

wherein R<sub>1</sub>, R<sub>2</sub>, R<sub>3</sub>, R<sub>4</sub> and R<sub>5</sub> are as defined above, with an isocyanate of formula R<sub>6</sub>NCO wherein R<sub>6</sub> is as defined above.



(Comp.—56 pages)

Ind. Cl. : 32-F<sub>2</sub>(b) [GROUP—IX(1)]

174103

Int. Cl. : C 07 D 209/04.

PROCESS FOR THE PREPARATION OF A NEW INDOLE DERIVATIVE.

Applicant: LIPHA, LYONNAISE INDUSTRIELLE PHARMACEUTIQUE, OF 34, RUE SAINT-ROMAIN, 69008—LYON, FRANCE, A FRENCH COMPANY.

Inventors:

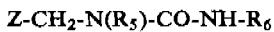
- (1) FESTAL DIDIER.
- (2) DENIS DESCOURS.
- (3) ROBERT BELLEMINT.
- (4) JACQUES DECERPRIT.

Application No. 166/MAS/92 filed March 17, 1992.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

2 Claims

Process for the preparation of a new indole derivative of the following general formula I:



in which:

when R<sub>1</sub> or R<sub>2</sub> is located in position 1-of the indole nucleus, it denotes a hydrogen atom, a (C<sub>1</sub>-C<sub>7</sub>) linear alkyl radical, a (C<sub>3</sub>-C<sub>5</sub>) branched alkyl radical, a (C<sub>3</sub>-C<sub>6</sub>) alkenyl radical, a N, N-di(C<sub>1</sub>-C<sub>5</sub>) alkyl amino (C<sub>8</sub>-C<sub>5</sub>) alkyl radical, a benzyl radical, optionally substituted by a fluorine atom, a phenyl radical or a 3-pyridylmethyl radical;

when R<sub>1</sub> or/and R<sub>2</sub> is/are located in position 2-or 3-of the indole nucleus, it/they represent(s) hydrogen, (C<sub>1</sub>-C<sub>5</sub>) alkyl or a phenyl radical,

it being understood that when one of R<sub>1</sub> or R<sub>2</sub> represents a 3-pyridylmethyl radical, the other represents hydrogen; the radical of formula-Z-CH<sub>2</sub>-N(R<sub>5</sub>)-CO-NH-R<sub>6</sub> may be located at position 1-, 2- or 3- of the indole ring system; in this radical, Z denotes the bivalent radicals of formula -C(R<sub>7</sub>C<sub>8</sub>)-(CH<sub>2</sub>)<sub>p</sub>, in which P is 0, 1 or 2, R<sub>7</sub> and R<sub>8</sub> independently represent a hydrogen atom, a linear alkyl radical having 1 to 7 carbon atoms, a (C<sub>2</sub>-C<sub>5</sub>) branched alkyl radical, (C<sub>3</sub>-C<sub>6</sub>) alkenyl radical,

Ind. Cl. : 128 B

174104

Int. Cl. : A 61 B 17/56.

ANCHORING ELEMENT FOR SUPPORTING A JOINT MECHANISM OF A FINGER OR OTHER RECONSTRUCTED JOINT.

Applicant & Inventor: PER-INGVAR BRANEMARK, ANDERGATAN 3, 8-431 69 MOLNDAL, SWEDEN, A SWEDISH CITIZEN.

Application No. 308/Mas/90 filed on 23rd April 1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Madras.

13 Claims

An anchoring element for supporting a joint mechanism, wherein said anchoring element is substantially rotationally symmetrical, at least partially hollow, and has a material which is compatible with the tissue of a bone, said anchoring element having a surface which is osseointegrated with the tissue to achieve permanent endosteal anchorage in the longitudinal axis of the bone.

(Comp. Specn. 13 pages;

Drgs. 3 sheets)

Ind. Cl. : 32-F

174105

Int. Cl. : C 07 D 475/02.

A PROCESS FOR PREPARING LARGE CRYSTALLINE RIBOFLAVIN 5'-PHOSPHATE MONOSODIUM SALT.

Applicant: BASF AKTIENGESELLSCHAFT, A GERMAN JOINT STOCK COMPANY, ORGANIZED AND EXISTING UNDER THE LAWS OF THE FEDERAL REPUBLIC OF GERMANY, OF 6700 LUDWIGSHAFEN, FEDERAL REPUBLIC OF GERMANY.

Inventor :

- (1) KURT BORCH CHRISTENSEN.
- (2) SVEN E. CHRISTENSEN.
- (3) HANS KIEFER.
- (4) LARS JENSEN-BAHM.
- (5) JOHANNES GRIMMER.

Application No. 430/MAS/92 filed July 15, 1992.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

6 Claims (No drawing)

A process for preparing large-crystalline riboflavin 5'-phosphate monosodium salt which is easy to filter and having a particle size distribution at which only 3% of the crystals are smaller than 75  $\mu\text{m}$  the said process comprising the steps of reacting riboflavin or its sodium salt with excess phosphorus oxychloride in a suitable organic solvent from the lactone class, hydrolyzing the resulting reaction mixture by treating with water at a temperature of 70 to 90°C, reacting the reaction mixture obtained in the hydrolysis with a sodium-containing base until the pH of the reaction mixture is from 4.0 to 6.0 and isolating the riboflavin 5'-phosphate monosodium salt by crystallising, wherein the reaction mixture obtained in the hydrolysis is reacted with the sodium-containing base at a temperature above 50°C, at which the riboflavin 5'-phosphate is completely dissolved in the reaction mixture.

(Com. 16 pages).

Ind. Cl. : 32-F [GROUP—IX(1)]

174106

Int. Cl. : C 12 P 35/06.

AN IMPROVED PROCESS FOR THE FERMENTATIVE PRODUCTION OF CEPHALOSPORIN USING ACERMONIUM CHRYSOGENUM DURING FERMENTATION.

Applicant: HOECHST AKTIENGESELLSCHAFT, A CORPORATION ORGANIZED UNDER THE LAWS OF THE FEDERAL REPUBLIC OF GERMANY, OF D 6230 FRANKFURT AM MAIN 80, FEDERAL REPUBLIC OF GERMANY.

Inventors :

- (1) THOMAS BAYER.
- (2) WILHELM SCHRAMM.
- (3) WOLFGANG RATHSCHECK.

Application No. 502/MAS/92 filed August 17, 1992.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

6 Claims (No drawing)

An improved process for the fermentative production of cephalosporin C using *Acremonium chrysogenum* during fermentation the improvement comprising filtering the fermentation solution through a cross-flow filtration system with a filter having a pore size of 4 to 200 nm maintaining the flow rate over the filter surface of 1 to 10 m/s and replacing the filtrate by pumping corresponding amount of liquid such as herein described through a suitable pipe into the fermenter.

(Com. 9 pages).

Ind. Class : 55-E [GROUP XIX(1)]

174107

Int. Cl. : A 61 K 9/10; 31/00

A METHOD OF MAKING AN AQUEOUS EMULSION PHARMACEUTICALLY COMPATIBLE WITH OCULAR SURFACES FOR TREATING DRY EYE SYMPTOMS.

Applicant : OCULAR RESEARCH OF BOSTON, INC., OF 80, ROYLSTON STREET, BOSTON, MA 02116, U.S.A., A U.S. COMPANY.

Inventors : (1) DONALD R KORB.  
(2) THOMAS GLOEK.

Application No. 575/MAS/92 filed September 18, 1992.

Appropriate Office for Opposition Proceedings (Rules 4, Patents Rules, 1972), Patent Office, Madras Branch.

10 Claims (No drawing)

A method of making an aqueous emulsion pharmaceutically compatible with ocular surfaces for treating dry eye symptoms, comprising the steps of admixing an oil with a wax capable of forming a gel with the said oil, in the weight ratio of oil to wax ranging from 200:1 to 5:1 heating the said mixture to a temperature above the melting point of the said wax cooling and subsequently emulsifying the said mixture with water.

(Com. 32 pages)

Ind. Class : 83-A

174108

Int. Cl. : A 23 L 1/31

AN IMPROVED METHOD FOR TREATING MEAT.

Applicant : SUN VALLEY POULTRY LIMITED, A BRITISH COMPANY, OF GRANDSTAND ROAD, HEREFORD HR4 9PB, ENGLAND.

Inventors : (1) EDWARD THOMAS CLARKE  
(2) HARVEY WILLIAM JULL  
(3) REBECCA SUSAN STOCK.

Application No. 605/MAS/92 filed September 29, 1992.

Convention date : October 1, 1991; (No. 9120867.8; Great Britain)

Appropriate Office for Opposition Proceedings (Rules 4, Patents Rules, 1972), Patent Office, Madras Branch.

11 Claims

An improved method for treating meat comprising the steps of :

- (a) injecting a body of meat with a liquid comprising water and oil;
- (b) forming the body of meat into an initial shape;
- (c) freezing the shaped body of meat, in a manner such as herein described, to make the said body of meat mechanically rigid;
- (d) pressing the frozen body of meat to the desired final shape under high pressure, such as herein described; and
- (e) slicing the frozen shaped body of meat into portions of desired size.

(Com. 13 pages)

Drawings. 2 sheets

Ind. Class : 83-A [GROUP XIV(5)]

174109

Int. Cl. : A 23 C 9/00

## A PROCESS FOR THE PRODUCTION OF A DEHYDRATED ACIDIFIED MILK.

Applicant : SOCIETE DES PRODUITS NESTLE S.A.,  
OF CASE POSTALE 353, 1800 VEVEY, SWITZERLAND,  
A COMPANY INCORPORATED IN SWITZERLAND.

Inventors : (1) ERNST BEUTLER  
(2) JOHANN ILLI  
(3) LEUKA FAVRE-GALLIAND  
(4) ANDREAS SUTTER.

Application No. 609/MAS/92 filed September 30, 1992.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972) Patent Office, Madras Branch.

10 Claims (No drawing)

A process for the production of a dehydrated acidified milk comprising the steps of preparing an aqueous solution or an emulsion similar to that of milk containing 10 to 40% of dry matter, fermenting the said solution by inoculating with 1 to 50% by volume of a culture or mixture of cultures containing  $10^7$ - $10^9$  germs/ml of at least one strain of streptococcus thermophilus and  $10^7$ - $10^9$  germs/ml of a strain of lactobacillus helveticus capable of exclusive formation of lactic acid at 37 to 45°C for a period of up to 15 hours till the pH of 4.0 to 5.0 is reached, and subsequently drying the solution to a water content below 3% by weight.

(Com. 20 pages)

Ind. Class : 55-F [GROUP XIX(1)]

174110

Int. Cl. : A 01 n 43/00

## A PROCESS FOR PRODUCING A DEFOLIANT HAVING SYNERGISTIC EFFICACY.

Applicant : UNION OIL COMPANY OF CALIFORNIA, A CORPORATION ORGANIZED UNDER THE LAWS OF THE STATE OF CALIFORNIA, U.S.A., OF 1201 WEST 5TH STREET, LOS ANGELES, CALIFORNIA 90017, U.S.A.

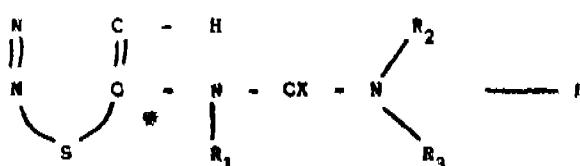
Inventor : MARK L. ATWATER.

Application No. 633/MAS/92 filed October 14, 1992.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

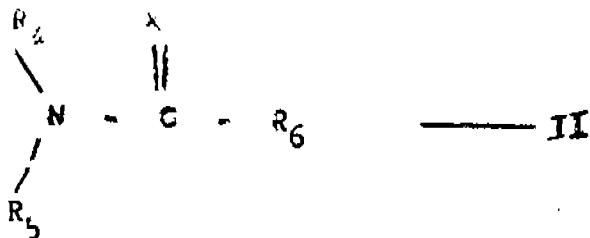
15 Claims (No drawing)

A process for producing a defoliant having synergistic efficacy, comprising combining a thiadiazol-urea abscission agent having the formula



in which  $R_1$  and  $R_2$  are independently selected from the group consisting of hydrogen and  $C_1$  to  $C_{10}$  organic radicals,  $R_3$  is a  $C_1$  to  $C_{10}$  organic radical,  $R_2$  and  $R_3$  together

jointly form with the nitrogen atom a morpholino, piperidino, or pyrrolidino group, and X is oxygen or sulfur; and an adduct which is a reaction product of sulfuric acid and an amide having the formula



in which X is a chalcogen, each of  $R_4$ ,  $R_5$  and  $R_6$  is independently selected from hydrogen and monovalent organic radicals, and  $R_4$  and  $R_6$  together can form a divalent organic radical; wherein the molar ratio of the amide to sulfuric acid is within the ratio of about 1/4 to less than 2; and the weight of adduct to the weight of abscission agent is about 2:1 to about 400:1.

(Com. 26 pages)

174111

Cl. : 128 A

Int. Cl. : A 61 F 13/20

## PROCESS AND APPARATUS FOR THE CONTINUOUS PRODUCTION OF ABSORBENT BODIES".

Applicant : MCNEIL-PPC, INC. OF VAN LIEW AVENUE, MILLTOWN, N. J. 08850, UNITED STATES OF AMERICA.

Inventors : (1) WOLFGANG KRAMER  
(2) FRITZ PESENDORFER  
(3) GERHARDT SCHWANKHARDT".

Application No. 7/Cal/1990; filed on 1st January, 1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule, 1972) Patent Office, Calcutta.

40 Claims

Process for the continuous production of absorbent bodies, especially tampons, preferably for feminine hygiene, in which, an endless web of fibre material is layered continuously in the direction of advance by folding about its longitudinal axis, is subsequently pressed radially by means of press rollers and thereafter is subdivided into length portions characterized in that the web of fibre material is subjected to a plurality of stages of rolling as described herein to ensure that the final cross-section of the absorbent body thus produced has a plurality of lobes thereby forming a beehive rod, before portions corresponding to the length of the absorbent body are served from the fleece rod.

(Compl. specn. 31 pages)

Drawings. 10 sheets)

Cl. : 127 B

174112

Int. Cl. : F 16 C, 3/00

## "A PROCESS FOR PRODUCING AN ASSEMBLED SHAFT".

Applicant : EMITEC GESELLSCHAFT FUR EMISSIONSTECHNOLOGIE", MBH. OF HAUPTSTRASSE 150, D-5204 LOHMAR 1, WEST GERMANY.

Inventor : HELMUT SWARS.

Application No. 1020/Cal/89; filed on 11th December, 1989.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule, 1972) Patent Office, Calcutta.

## 20 Claims

A process for producing an assembled shaft, comprising the steps of :

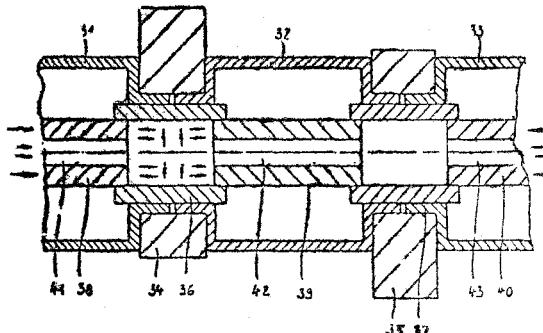
providing tubular members;

inserting sleeve members into the tubular members so that the sleeve member span junctions of tubular members abutting each other/or inserted into each other;

expanding the sleeve members so as to remain permanently deformed with the tubular members abutting each other and with expansion of the sleeve members taking place for achieving a force-locking connection between the sleeve members and the abutting tubular members;

sliding bored plugs into open ends of the sleeve members so as to form a pressure-agent-proof cavity; and

pressurizing the cavity formed by the sleeve members and the inserted plugs with a pressure medium until the sleeve members are permanently radially deformed.



(Compl. specn. 14 pages;

Drgns. 6 sheets)

Cl. : 9 F

174113

Int. Cl.<sup>4</sup> : C 21 B 3/00,

C 22 B 5/00,

C 22. C 1/00, 33/00.

"PROCESS FOR THE PRODUCTION OF METALS, ALLOYS AND COMPOSITION OF MATTER COMPRISING TWO OR MORE METALS".

Applicant : THE UNIVERSITY OF WESTERN AUSTRALIA, OF NEDLANDS, WESTERN AUSTRALIA, 6009, AUSTRALIA.

Inventors (1) PAUL GERARD MCCORMIC  
(2) GRAHAM BARRY SCHAFER.

Application No. 1056/Cal/1989; filed on 22nd December, 1989.

(Convention No. PJ 2092/88; filed on 22-12-88; Australia).

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule, 1972) Patent Office, Calcutta.

## 10 Claims

A process for the production of a metal comprising subjecting a mixture of a reducible metal compound and at least one reducing agent to mechanical activation, whereby the reducible metal compound is reduced by the reducing agent to provide the metal product.

(Compl. specn. 20 pages;

Drgns. Nil)

Cl. 92 F; 39 K

174114

Int. Cl.<sup>4</sup> : C 07 F 7/02

"IMPROVEMENTS IN OR RELATING TO INSULATION MATERIAL".

Applicant & Inventor : KANWALJIT SINGH BALA OF 100/D, BLOCK F NEW ALIPORE CALCUTTA-700 053, WEST BENGAL, INDIA.

Application No. 860/Cal/1987; filed on 21st November, 1988.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972) Patent Office, Calcutta.

## 9 Claims

A process for preparation of insulation material based predominantly on silica from waste rice husk which comprise subjecting burnt rice husk ash waste material to heat treatment at temperatures of above 600°C preferably not exceeding 900°C in a controlled atmosphere, said heat treatment being carried out in stages such that the less volatiles are first driven off and then the higher volatiles whereafter the moisture is driven off and finally the carbon in the rice husk ash is burnt, said heating being conducted in a closed kiln and temperature is increased in stages first to about 300°C, next to about 500°C, then to about 650°C and finally to about 780°C after holding the temperature as required at the end of each stage.

(Provn. specn. 11 pages;

Drgns. Nil)

Compl. specn. 14 pages;

Drgns. Nil.

Cl. : 64 B2-B3

174115

Int. Cl.<sup>4</sup> : H 01 R 9/03, 9/09, 13/648.

"CONNECTOR BANK WITH VOLTAGE SURGE PROTECTION".

Applicant : KRONE AKTIENGESELLSCHAFT, OF BEFSKOWDAMM 3-11, D-1000 BERLIN 37, WEST GERMANY.

Inventors : (1) DIETER GERKE  
(2) LUTZ BJEDERSTEDT  
(3) MANFRED MULLER.

Application No. 243/Cal/90; filed on 26th March, 1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972) Patent Office, Calcutta.

## 11 Claims

A connector bank with two rows of insulation displacement contacts for connecting insulated cable conductors, in particular of cables for telecommunication and data systems, comprising a surge arrester magazine to be inserted into the connector bank and comprising a connecting element between two insulation displacement contacts of two said rows.

characterised by that the two rows (12, 13) of insulation displacement contacts (4) are arranged on different sides of the connector bank (1), and that the surge arrester magazine



Cl. : 77 A-XI (1)

174117

Int. Cl. : A 23 D 5/02

"PROCESS OF MAKING A NUTRITIONALLY COMPLETE FOOD PRODUCT".

Applicant : AMERICAN HOME PRODUCTS CORPORATION, OF 685, THIRD AVENUE, NEW YORK, NEW YORK 10017, UNITED STATES OF AMERICA.

Inventor : RUDOLPH MICHAEL TOMARELLI.

Application No. 324/Cal/1992; filed on 12th May, 1992.

(Divided out of No. 833/Cal/1990; antedated to 28th September, 1990).

[Convention No. 3988/89; dated 13-12-1989; Ireland].

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972) Patent Office, Calcutta.

## 17 Claims

A process of making a nutritionally complete food product adapted for the nutrition of human preterm or low birthweight infants, which process comprises combining an all vegetable oil fat composition which comprises a blend of

- (a) 10—30%, calculated on the weight of the fat composition, of one or two palmitic acid oils selected from randomized palm oil or randomized palm olein oil;
- (b) 8—30%, calculated on the weight of the fat composition, of one or more lauric acid oils selected from coconut oil, babassu oil and palm kernel oil;
- (c) 8—30%, calculated on the weight of the fat composition, of one or more oleic acid oils selected from olive oil, safflower oleic oil, sunflower oleic oil, and canola oil;
- (d) 10—25%, calculated on the weight of the fat composition of one or more linoleic oils selected from corn oil, cottonseed oil, safflower oil, soybean oil, and sunflower oil; and
- (e) 10—50%, calculated on the weight of the fat composition, of medium-chain triglycerides (MCTs), the amounts of the oils being such that the fat composition contains, per 100 parts by weight of total fatty acids present as triglycerides,
  - (i) 8—34 parts of caprylic acid;
  - (ii) 4—16 parts of capric acid;
  - (iii) 7—16 parts of palmitic acid;
  - (iv) 19—35 parts of oleic acid, and
  - (v) 9—18 parts of linoleic acid, with protein source, a carbohydrate source, vitamins and minerals, such as herein described.

(Compl. specn. 18 pages:

Drgns. Nil.)

Application No. 435/Cal/1992; filed on 18th June, 1992.

(Divided out of No. 249/Cal/89; antedated to 3-4-1989).

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972) Patent Office, Calcutta.

## 4 Claims

An improved low temperature water gas shift reaction process which comprises subjecting feed gases containing chloride contamination to catalytic shift reaction characterized in that said reaction is carried out in the presence of a conventional copper zinc alumina catalyst as described in the Parent Application No. 249/Cal/89 additionally having therein 5 to 20 weight % of barium carbonate incorporated by co-precipitation.

(Compl. specn. 16 pages;

Drgns. Nil.)

174119

Cl. 76 B

Int. Cl. : E 04 B 1/40.

## "A FASTENING DEVICE TO FASTEN PANEL FACINGS".

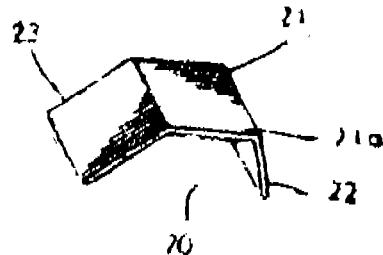
Applicant &amp; Inventor : YUAN-HO LEE, OF NO. 851, CHUNG-SAN RD. NAN-PAO TSUN, KUEI-JEN HSIAN, TAINAN HSIENG, TAIWAN, REPUBLIC OF CHINA.

Application No. 512/Cal/1990; filed on 19th June, 1990.

Appropriate office for Opposition Proceedings (Rule 4, Patent Rule 1972) Patent Office, Calcutta.

## 2Claims

A fastening device to fasten at least two edge-to-edge contiguous panel facings each of which has two opposite longitudinal sides, two opposite transverse sides and a back face, said fastening device characterized by a plurality of looped members projecting from said back face of each of the panel facings along said longitudinal sides, said looped members of one of said panel facings being respectively aligned with said looped members of an adjacent said panel facing, each of said looped members having an engagement face spaced parallelly from said back face and two opposed flanks extending from two sides of said engagement face and being connected to said back face, the distance between said flanks being greater than that between said engagement face and said back face, and key members each having an insert rod portion to be inserted in at least two aligned said looped members and a handle rod portion which forms an angle with said insert rod portion, said insert rod portion having a pair of first opposed longitudinal faces, and a pair of second opposed longitudinal faces, the distance between said first opposed faces being smaller than the distance between said engagement face and said back face so that said insert rod portion can be inserted into aligned said looped members, the distance between said second opposed faces being greater than the distance between said first opposed faces, said second opposed faces being engaged respectively with said engagement face and said back face when said insert rod portion is turned a certain angle after being inserted.



Cl. : 39 L

174118

Int. Cl. : B 01 J 21/00, 23/00, 28/72, 28/80.

"IMPROVED LOW TEMPERATURE WATER GAS SHIFT REACTION PROCESS".

Applicant : UNITED CATALYSTS, INC. OF 1227 SO. 12TH. STREET, LOUISVILLE, KENTUCKY 40201, UNITED STATES OF AMERICA.

Inventors : (1) JOHN ALLEN RAY

- (2) DINAH CHIENYING HUNG HUANG
- (3) EDWARD KENNETH DIENES.



Inventors : (1) STEWART ANDREW DAVID GARRY  
 (2) SMITH ROBIN WYNCLIFFE  
 (3) SMITH MARTIN PHILIP  
 (4) COOPER MARTIN  
 (5) WELBOURN CHRISTOPHER MARK  
 (6) SPEAR PAUL MARTIN  
 (7) BRINK DANIEL JOHANNES

Application No. 354/Mas/89 filed on 8th May 1989.

Convention date : May 06, 1988; (No. 8810723.0; Great Britain).

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules 1972) Patent Office Branch, Madras-600 002.

30 Claims

Examining apparatus for sensing a narrow frequency band of radiation comprising means for irradiating a line to thereby cause emission of radiation from objects or zones of an article; means for inducing relative motion between the objects or zones of the article and said line in a direction generally transverse to said line; viewing means for viewing all or an extended part of said line and sensing a narrow frequency band of radiation emitted by specific objects or zones of the article on excitation by radiation irradiated by the irradiating means, the viewing means comprising narrow band pass filter means which, within a specific angle of incidence, substantially filter out all but said narrow band, sensing means for sensing radiation which has passed through the filter means, and means for preventing rays outside said angle of incidence reaching the sensing means; detecting means responsive to the location on said line from which said narrow band radiation was emitted; and means for indicating specific discrete objects or zones on said line which emitted said narrow band radiation;

whereby the apparatus can examine a large number of objects distributed over an area or examine an article, and detect an object or zone of the article which emits said narrow frequency band radiation.

(Compl. Specn. 69 pages;

Drgns. 15 sheets).

Ind. Class. 126 D.

174123

Int. Cl.<sup>4</sup> G 01 n 21/17, 21/62.

"APPARATUS FOR IDENTIFYING DIAMONDS OR OTHER SPECIFIC LUMINESCING MINERALS".

Applicant : GERSAN ESTABLISHMENT, ASULESTRASSE 5, 9490 VADUZ, LIECHTENSTEIN, A LIECHTENSTEIN COMPANY.

Inventors : (1) MARTIN PHILLIP, (2) ROBIN WYNCLIFFE SMITH, (3) ANDREW DAVID GARRY STEWART, (4) DANIEL JOHANNES BRINK, (5) MARTIN COOPER, (6) CHRISTOPHER MARK WELBOURN, (7) PAUL MARTIN SPEAR.

Application No. 355/Mas/89 filed on 8th May 1989.

Convention date 6th May, 88, 7th July, 88, 9th November, 88, 23rd March, 89, Great Britain. Nos. 8810723.0, 8816167.4, 8826225.8, 8906833.0.

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules 1972) Patent Office Branch, Madras-600 002.

8 Claims

Apparatus for identifying diamonds or other specific luminescing minerals irradiated with modulated radiation in the form of high frequency pulses of substantially constant wavelength resulting in emission of Raman radiation from the diamonds or minerals comprising isolation means for isolating the emitted Raman radiation from ray emitted radiation having a long rise and/or decay time, the said isolation means having detecting means for detecting emitted radiation which is modulated at a frequency corresponding to the frequency of modulation of said modulated radiation.

(Compl. Specns. 17 pages;

Drgns. 3 sheets).

Ind. Class - 178

174124

Int. Cl.<sup>4</sup> - G 01 N 21/62.

APPARATUS FOR IDENTIFYING AMONG ORE PARTICLES DIAMONDS OR OTHER SPECIFIC LUMINESCING MINERALS.

Applicant : GERSAN ESTABLISHMENT, LIECHTENSTEIN COMPANY, OF AEULESTRASSE 5, 9490 VADUZ, LIECHTENSTEIN.

Inventors : (1) MARTIN PHILLIP SMITH

(2) ANDREW DAVID GARRY STEWART

(3) MARTIN COOPER

(4) CHRISTOPHER MARK WELBOURN

(5) PAUL MARTIN SPEAR

Application No. 357/Mas/89 filed on 8th May 1989.

Convention date : May 6, 1988; (No. 8810723.0; Great Britain).

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules 1972) Patent Office Branch, Madras-600 002.

7 Claims

Apparatus for identifying, among ore particles, diamonds or other specific luminescing minerals, for use with means for irradiating the particles with an exciting radiation, the apparatus comprising :

means for detecting at two times luminescence emitted from the same particle due to excitement by said exciting radiation; and

means for sensing any difference in the emitted luminescence at the two times, to thereby identify particles which provide said difference and hence identify diamonds or other specific luminescing minerals among the ore particles.

(Compl. Specns. 13 pages;

Drgns. 2 sheets).

Ind. Class : 39 C

174125

Int. Class<sup>4</sup> : C 07 C 85/00.

A METHOD OF PREPARING AMMONIA IN A CONVENTIONAL AMMONIA PLANT.

Applicant : HALDOR TOPSEE A/S A DANISH COMPANY OF NYMOJLEVEJ 55 DK-2800 LYNGBY, DENMARK.

Inventor : HALDOR TOPSEE.

Application No. 495/Mas/89 filed on 26th June, 1989.

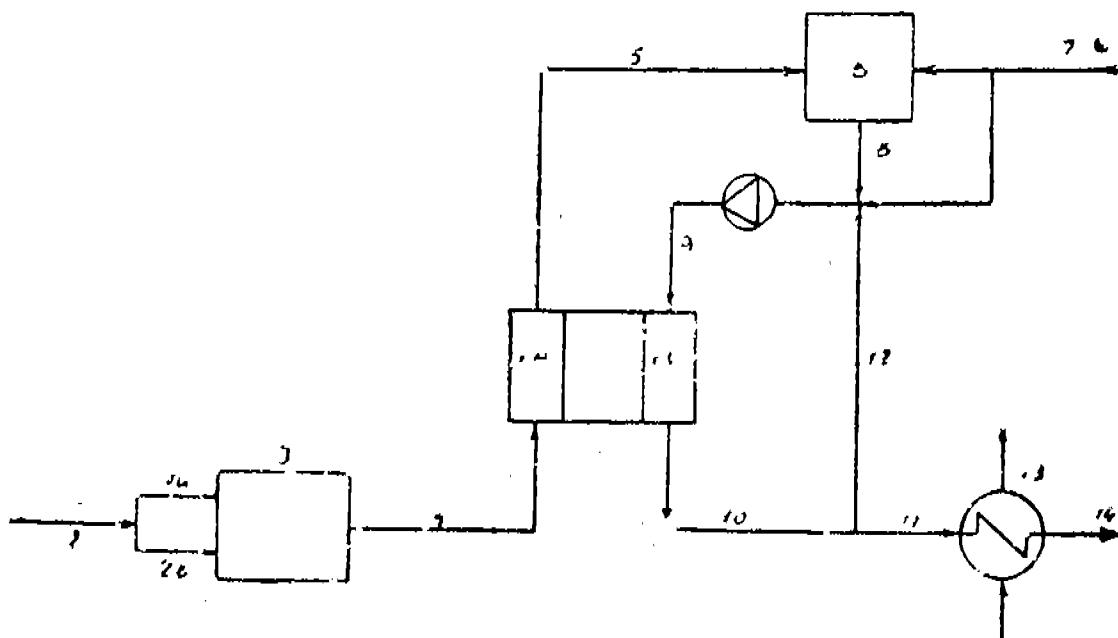
Appropriate office for Opposition Proceedings (Rule 4, Patents Rules 1972) Patent Office Branch, Madras-600 002.

4 Claims

A method of preparing ammonia in a conventional ammonia plant characterized in integrating a molten carbonate fuel cell into the preparing process by the following steps of (a) passing the carbon dioxide containing stream obtained during the ammonia preparation process to the cathode gas loop of the molten carbonate fuel cell, and/or (b) passing a purge gas stream from the process plant containing one or more components usable as fuel in the molten carbonate

fuel cell to the anode chamber of the molten carbonate cell, and (c) passing exhaust gas usable as fuel from the anode

chamber of the molten carbonate fuel cell to the front and of the process plant.



(Compl. Specns. 22 pages;

Draws. 5 sheets).

Ind. Class - 206-D

174126

Int. Cl. - H 04 J 11/00.

METHOD OF GENERATING AN AMPLITUDE MODULATED ISB TRANSMISSION SIGNAL AND APPARATUS FOR CARRYING OUT THE METHOD.

Applicant : THOMCAST AG, OF BAHNHOFSTRASSE, CH-5300 TURGI, SWITZERLAND, A SWISS COMPANY.

Inventor : NENAD TOMLJENOVIC.

Application No. 606/Mas/89 filed on 14th August, 1989.

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules 1972) Patent Office Branch, Madras-600 002.

#### 6 Claims

An apparatus for generating an amplitude-modulated ISB transmission signal with an upper side band (OS) and a lower side band (US), which side bands (OS, US) transmit independently of each other different information in the form of different AF signals (NF1, NF2), which apparatus comprises

(a) first means for the splitting of the AF signals (NF1, 2) into their orthogonal signal components (x1, y1 and x2, y2, respectively);

(b) two adders (25, 31), which are connected via their inputs to the outputs of the first means in such a way that they in each case form the corresponding component sums (X and Y) from the in-phase signal components (x1, x2 and y1, y2, respectively) and a carrier amplitude (T1, T2);

(c) a first inverter (30), which is arranged ahead of an input of one of the adders (25, 31) and exchanges the operational sign of one of the signal components (x1, 2 or y1, 2);

(d) an amplitude computer (26), the input of which are connected to the output of the adders (25, 31) and the output of which is in connection with an amplitude output (27);

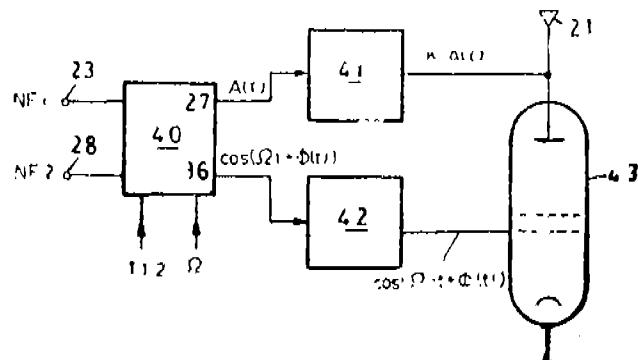
(e) two further inverters (32, 37), the inputs of which are in each case connected to the output of the adders (25, 31) and exchange the operational sign of the component sums (X, Y);

(f) a cyclic scanner (34) with four inputs, which are in each case in connection with the outputs of the adders (25, 31) and the outputs of the further inverters (32, 37) in such a way that, in the cyclic scanning, the component sums (X, Y) and their inverses ( $-X, -Y$ ) are scanned in the order X, Y,  $-X, -Y$  or X,  $-Y, -X, Y$ ;

(g) second means for the generation of a phase signal, which are in connection on the input side with the output of the cyclic scanner (34) and on the output side with a phase output (36);

(h) a transmitting tube (43) with anode and a control grid; and

(i) third means for the conditioning of the amplitude signal ( $A(t)$ ) and of the phase signal, which are arranged between the transmitting tube (43) and the amplitude output (27) and the phase output (36).



(Compl. Specns. 20 pages;

Draws. 3 sheets).

Ind. Cl. : 40-E

174127

Int. Cl.4 : C 10 G 49/22.

**A PROCESS FOR SEPARATING GASES FROM A HYDROCONVERSION ZONE REACTION EFFLUENT.**

Applicant: CHEVRON RESEARCH COMPANY, A CORPORATION DULY ORGANISED UNDER THE LAWS OF THE STATE OF DELAWARE, U.S.A., OF 555 MARKET STREET, SAN FRANCISCO, CALIFORNIA, U.S.A.

## Inventors :

- (1) DONALD A. BEA.
- (2) ROBERT W. BACHTEL.
- (3) BRUCE E. REYNOLDS.

Application No. 531/MAS/89 filed on 12th July 1989.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

## 6 Claims

**A process for separating gases from a hydroconversion zone reaction effluent comprising :**

(a) effecting a hot high pressure separation of the effluent by reducing the temperature of the effluent from between 650-950°F to between 350-750°F to produce a first gas phase comprising hydrogen contaminant gases, and gaseous hydrocarbons and a first liquid phase comprising hydrocarbons, and separating the first gas phase from the first liquid phase;

(b) effecting a cold high pressure separation of the first gas phase by reducing the temperature of the first gas phase from between 350-750°F to between 90-200°F to form a first hydrogen-rich gas product and a second liquid phase, and separating the second liquid phase from the first hydrogen-rich gas;

(c) effecting a hot low pressure separation of the first liquid phase by reducing the pressure of the first liquid phase from between 600-5000 psig to between 100-1000 psig to form a second gas phase comprising hydrogen and gaseous hydrocarbons and a third liquid phase comprising hydrocarbons; and separating the second gas phase from the third liquid phase;

(d) combining the second liquid phase and the second gas phase and effecting a low cold pressure separation of the combination by reducing the temperature thereof from between 90-750°F to between 90-200°F and pressure thereof from between 100-5000 psig to between 100-1000 psig to form a third gas phase comprising hydrogen, contaminant gases and C<sub>1</sub>-C<sub>4</sub> hydrocarbons and a fourth liquid phase comprising C<sub>3</sub> + hydrocarbons, and separating the fourth liquid phase from the third gas phase;

(e) purifying the third gas phase by pressure swing adsorption wherein the third gas phase is passed through an adsorptive medium that adsorbs the contaminant gases and hydrocarbons in the third gas phase, thereby producing a second hydrogen-rich gas products; and

(f) recycling the first hydrogen-rich gas to the hydroconversion zone.

(Com. 20 pages:

Drwgs. 1 sheet)

Ind. Cl. : 172-D

174128

Int. Cl.4 : D 01 H 9/00.

**A DOUBLE-SIDED TEXTILE MACHINE IN PARTICULAR A TWO-FOR-ONE TWISTING MACHINE.**

Applicant: PALITEX PROJECT-COMPANY GmbH, OF WEESERWEG 60, 4150 KREFELD 1, FEDERAL REPUBLIC OF GERMANY, A GERMAN COMPANY.

## Inventors :

- (1) SIEGFRIED INGER.
- (2) HINZ STENMANNS.

Application No. 39/MAS/90 filed on 15th January 1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

## 9 Claims

A double-sided textile machine in particular a two-for-one twisting machine, comprising a plurality of winding units for producing cross-wound packages and a mechanism for collecting and conveying the cross-wound packages, wherein the said mechanism has two conveying means moving in the longitudinal direction of the machine in the region of the machine center, each said means being adapted to be loaded from at least one machine side, the one end of said means being provided with a package delivery station, and the said two conveying means are disposed in at least two planes directly above one another in the interior of the machine.

(Com. 15 pages;

Drwgs. 6 sheets)

Ind. Cl. : 32-C

174129

Int. Cl.4 : G 07 K 3/00.

**A METHOD OF FORMING AN ARRAY OF POLYMERS ON A SUBSTRATE.**

Applicant: AFFYMAX TECHNOLOGIES N.V., A NETHERLANDS, ANTILLES CORPORATION OF DE RUYDERKADE 62, CURAGE, NETHERLANDS ANTILLES.

## Inventors :

- (1) MICHAEL C. PIRRUNG.
- (2) J. LEIGHTON READ.
- (3) STEPHEN P.A. FODOR.
- (4) LUBERT STRYER.

Application No. 422/MAS/90 filed on 29th May 1990.

Appropriate Office for Opposition Proceedings Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

## 15 Claims

A method of forming an array of polymers on a substrate such as herein described, a surface of the said substrate comprising at least first and second predetermined regions having polymer molecules which are provided with reactive functional groups protected by radiation removable protective groups, comprising the steps of :

irradiating a first predetermined region of the substrate to remove the protective group therefrom;

contacting the said substrate with a first monomer to couple the same with the deprotected functional group in the said predetermined region, the said first monomer having a reactive functional group protected by a radiation removable protective group;

irradiating a second predetermined region of the substrate, which may or may not be same as the first predetermined region, to remove the protective group therefrom;

contacting the said substrate with a second monomer, which may or may not be the same as the first monomer, to couple the same with the deprotected functional group in the said predetermined region, the said second monomer having a reactive functional group protected by a radiation removable protective group; and

repeating the irradiating and contacting steps until polymers of a desired length are obtained.

(Com. 66 pages;

Drwgs. 10 sheets)

Ind. Cl. : 55-E

174130

Int. Cl.4 : A 61 K 35/16.

A PROCESS FOR THE PREPARATION OF ANTI- $\alpha$ -GAL FROM PURIFIED HUMAN PLASMA.

Applicant : SREE CHITRA TIRUNAL INSTITUTE FOR MEDICAL SCIENCES & TECHNOLOGY, BIOMEDICAL TECHNOLOGY WING, SATELMOND PALACE, TRIVANDRUM-695 012, KERALA, INDIA, AN INDIAN INSTITUTION.

## Inventors :

(1) PADINJARADATH SANKUNNY APPUKUTTAN.  
(2) PALIAKKARA LONA JAISON.

Application and Provisional Specification No. 578/MAS/91 filed July 31, 1991.

Complete Specification left : October 20, 1992.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

## 6 Claims

A method for the preparation of anti- $\alpha$ -Gal from purified human plasma which comprises passing a clear solution of purified human plasma through a column of cross-linked guar galactomannan, washing the column charged with said plasma, free of washable protein using a buffer solution of sodium phosphate and sodium chloride and having a pH of 7.0 to 7.8 preferably around 7.4, thereafter removing the column bound protein using the same buffer as before but including galactose, as eluent and hereafter the said so treated column material is subjected to dialysis against water and lyophilized in a known manner to get dry powder of anti- $\alpha$ -Gal.

(Prov.—10 Pages)

(Com. 12 pages;

No drawing)

## PATENT SEALED ON 19-8-94

172384 172396 172761 172762 172765\*D 172766\* 172769  
172771 172772 172773 172775 172777 172778 172779\*  
172780 172781 172782\*D 172783\* 172784\* 172785\* 172786\*  
172787 172788 172789\* 172790 172791\* 172792\* 172793\*  
172794 172795 172796 172798 172800\* 172801 172803  
172807 172810 172811 172813 172815 172816 172850.

Cal—10.

Mas—16

Del—15

Bom—01.

\*Patent shall be deemed to be endorsed with the words "LICENCE OF RIGHT" Under Section 87 of the Patents Act, 1970 from the date of expiration of three years from the date of Sealing.

D—DRUG PATENT.

## AMENDMENT PROCEEDINGS UNDER SECTION 57

Notice is hereby given that Shri S. Rajendran, of 4, Sanchar Colony, Netaji Marg, P.O. Ellisbridge, Ahmedabad 380 006, Gujarat State, India have made an application under

Section 57 of the Patents Act 1970 for amendment for address for service for Patent Application No. 18/BOM/1992 for the amendment are by way of amendments of address for service in India, the application for amendment and proposed amendment can be inspected free of charge at the Patent Office Branch, Todi Estate, 3rd Floor, Sun Mill Compound, Lower Parel (W), Bombay-400 013 on any working day during the usual official hours or copies of the same can be had on payment of usual copying charges. Any person interested in opposition the application for amendment may file a Notice of opposition within three months from the date of this notification to the Patent Office Branch, Bombay.

If full written statement of opposition is not filed with the notice of opposition it should be left within one month from the date of filing the said Notice of Opposition.

## RENEWAL FEES PAID

153321 154221 154357 154796 154824 154952 155097 157076  
157330 157473 157496 157570 158201 158703 159298 159969  
160000 160593 160628 160849 160897 161111 161335 161777  
162386 162795 162942 163033 163474 164194 164500 164593  
164716 164718 164799 164877 164929 165086 165179 165194  
165208 165357 165622 165823 165861 166307 166384 166405  
167072 167108 167137 167384 167386 167427 167430 167445  
167451 167461 167465 167526 168179 168215 168669 168801  
168953 168969 169223 169228 169562 169607 169698 169699  
169714 169800 169826 169829 169868 169869 170246 170303  
170487 170494 170640 171053 171055 171323 171389 171466  
171713 171730 171889 171904 171955 172141 172618.

## CESSATION OF PATENTS

150737 159726 165740 169053 169451 169452 169453 169455  
171387.

## RESTORATION PROCEEDINGS

Notice is hereby given that an application for restoration of Patent No. 160837 dated the 29th October 1983 made by Energy Conversion Devices, Inc. on the 10th August 1993 and notified in the Gazette of India, Part III Section 2, dated the 23rd October 1993 has been allowed and the said patent restored.

Notice is hereby given that an application for restoration of Patent No. 164419 dated the 11th October 1985 made by Sovonics Solar Systems on the 10th August 1993 and notified in the Gazette of India, Part III, Section 2, dated the 13-10-93 has been allowed and the said patent restored.

## REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in the each entries is the date of the registration included in the entries.

Class 3. No. 166131, Deluxe Plastics, D1 Nandham Ind. estate, Marol Maroshi Road, Bombay-400059, Maharashtra, India & Indian partnership firm, "CONTAINER", 6 September 1993.

Class 3. No. 166622, British Telecommunications Public Limited Company, a British Company, of 81 Newgate Street, London, EC 1A 7 AJ, England, "TELEPHONE BASE", 29 June 1993.

Class 3. No. 166352, Tide Water Oil Co., India Ltd., of 3rd Floor, Kamani Chambers, 32 R. Kamani Marg, Ballard Estate, Bombay-400038, Maharashtra, India, an Indian company, "CONTAINER", 13 October 1993.

Class 1. No. 166357, Tide Water . . . . ., "CONTAINER", 13 October 1993.

Class 10. No. 166439, S.K. Enterprise, of 175, C.S.T. Road, Kalina, Santacruz (E) Bombay-400098, Maharashtra, India, Indian partnership firm, "SHOES SOLE", 28 October 1993.

Class 3. No. 166077, Pratap Plastics, B-106 Virwani Industrial estate, off: Western Express Highway, Goregaon (E), Bombay-63, Maharashtra, India, an Indian partnership firm, "SOAP BOX", 24 August 1993.

Class 1. No. 166393, Akshaykumar Manubhai Shah, Indian National, residing at 11, Jai Santoshima Flats Society Area, Bharuch 392002 in the State of Gujarat, India, "WATER COOLER", 19 October 1993.

R. A. ACHARYA  
Controller General of Patent, Design &  
Trade Marks

